

Metadata

Language

Language Code

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Individual Name

Geospatial Team

Organisation Name

Stats NZ

Contact Info

Contact

Address

Address

Electronic Mail Address

[geography@stats.govt.nz](mailto:geography@stats.govt.nz)

Online Resource

Online Resource

Linkage

URL

<https://datafinder.stats.govt.nz/>

Role

Role Code

owner

Contact

Responsible Party

Individual Name

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Address  
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geography@stats.govt.nz

Role  
Role Code  
owner

Date Stamp  
Date  
2021-11-29

Metadata Standard Name  
ISO 19139 Geographic Information - Metadata - Implementation Specification

Metadata Standard Version  
2007

Spatial Representation Info  
Vector Spatial Representation  
Topology Level Code  
geometryOnly  
Geometric Object Type Code  
composite  
Integer  
29698

Reference System Info  
Reference System  
Reference System Identifier  
Identifier  
Code  
2193  
Code Space  
EPSG  
Version  
7.9.4(9.0.0)

Identification Info  
Data Identification  
Citation  
Citation  
Title  
SA12022\_V1\_00\_Clippped  
Date  
Presentation Form  
Presentation Form Code  
mapDigital

Abstract  
This dataset is the definitive set of statistical area 1 (SA1) boundaries for 2022 as defined by Stats NZ. Statistical area 1 is an output geography that allows the release of more detailed information

about population characteristics than is available at the meshblock level. Built by joining meshblocks, SA1s have an ideal size range of 100–200 residents, and a maximum population of about 500. This is to minimise suppression of population data in multivariate statistics tables. The SA1 should: - form a contiguous cluster of one or more meshblocks - be either urban, rural, or water in character be small enough to: - allow flexibility for aggregation to other statistical geographies - allow users to aggregate areas into their own defined communities of interest form a nested hierarchy with statistical output geographies and administrative boundaries. It must: - be built from meshblocks - either define or aggregate to define SA2s, urban rural areas, territorial authorities, and regional councils. SA1s generally have a population of 100–200 residents, with some exceptions: SA1s with nil or nominal resident populations are created to represent remote mainland areas, unpopulated islands, inland water, inlets, or oceanic areas Some SA1s in remote rural areas and urban industrial or business areas have fewer than 100 residents Some SA1s that contain apartment blocks, retirement villages, and large non-residential facilities have more than 500 residents. SA1s are not named. SA1 codes have seven digits starting with a '7' and numbered approximately north to south. As new SA1s are created, they are given the next available numeric code. Aggregated from meshblocks, SA1s cover the land area of New Zealand, the water area to the 12-mile limit, the Chatham Islands, Kermadec Islands, sub-Antarctic islands, off-shore oil rigs, and Ross Dependency. Digital boundary data became freely available on 1 July 2007.

### Purpose

This dataset contains the annually released statistical area 1 (SA1) boundaries as at 1 January 2022, as defined by Stats NZ, clipped to the coastline. This clipped version has been created for map creation/cartographic purposes and so does not fully represent the official full extent boundaries. This clipped version contains 29,698 SA1s.

### Credit

Stats NZ

### Point Of Contact

#### Responsible Party

##### Individual Name

Geospatial Team

##### Organisation Name

Stats NZ

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geography@stats.govt.nz

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##### Role

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owner

### Descriptive Keywords

#### Keywords

##### Keyword

Downloadable Data

Descriptive Keywords

Keywords

Keyword

Statistical Area 1

Keyword

statistical area 1

Keyword

SA1

Keyword

SA 1

Keyword

sa1

Keyword

sa 1

Keyword

Clipped

Keyword

clipped

Resource Constraints

Constraints

Use Limitation

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Spatial Representation Type Code

vector

Language

Language Code

eng

Character Set

Character Set Code

utf8

Topic Category Code

boundaries

Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Extent

EX\_Extent

Geographic Element

EX\_Geographic Bounding Box

Extent Type Code

Boolean

true

-180180-47.421563-33.773403

Distribution Info

Distribution

Distribution Format

Format

Name

SDE Feature Class

Data Quality Info

DQ\_ Data Quality

Scope

DQ\_ Scope

Level

Scope Code

dataset

Lineage

LI\_ Lineage

Statement

SA1s are based on the meshblock pattern. Non-alignment of meshblock to cadastral boundaries is one of a number of reasons for meshblock boundary adjustments. Other reasons include requests from local authorities, Local Government Commission, Electoral Representation Commission, and to make census enumeration processes easier. From the meshblock pattern, higher geographies, including the 2022 SA1 pattern, were dissolved using the dissolve tool in the Arc GIS suite. To derive the SA1 boundaries clipped to the coastline, meshblock polygons were dissolved to exclude meshblocks with a land/water attribute of Inlet or Oceanic.